



Agreement with SANDAG for Transit Signal Priority Maintenance

Land Use and Housing Committee

April 24, 2013

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- What is Transit Signal Priority (TSP)?
- TSP provides preferential timing for buses at traffic signals along a bus route in order to reduce the amount of time that the bus is stopped at a red light
- The preference may be (1) an extended green light if the bus is arriving near the end of the green interval, (2) an early green light if the bus has arrived during the red interval, or (3) a special bus-only phase

TSP Performance Results

- Significant transit time improvements for all *SuperLoop* routes
- Overall net reduction in vehicle emissions
- Intersection analysis showed TSP does not negatively affect traffic flow
- SANDAG and City of San Diego will continue to monitor and refine TSP operation

Time of Day	6 - 9 a.m.	9 a.m. – 4 p.m.	4 - 7 p.m.
Route 201	225 seconds	90 seconds	65 seconds
Route 202	45 seconds	50 seconds	220 seconds
Route 204	35 seconds	10 seconds	170 seconds

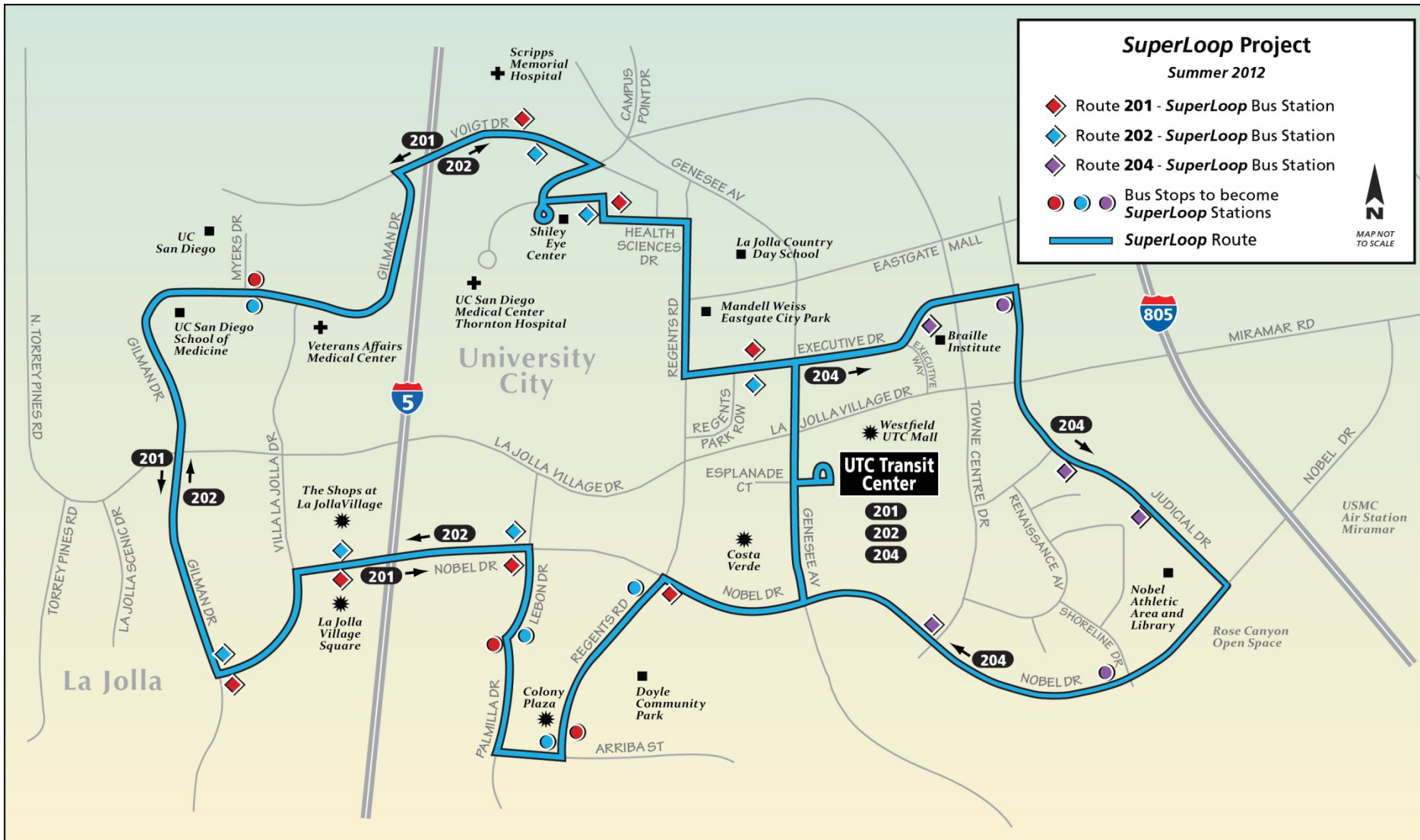
SuperLoop



TransNet



SuperLoop Route



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- TSP is expected to require slightly more City staff time for maintenance and operation than a regular signalized intersection
- SANDAG agrees to reimburse up to \$3,130 per enabled intersection and \$1,565 per nearby influenced intersection
- For Super Loop Project, up to \$90,770 per year
- As TSP expands to more project areas and intersections, this Agreement will be amended



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- Questions?